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Notice of Allowability	Application No.	Applicant(s)	
	10/643,155	STEELE ET AL.	
	Examiner	Art Unit	
	Khanh Tran	2611	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the Amendment filed on 04/14/2006.
2. ☒ The allowed claim(s) is/are 1-13 and 20-32, which have been renumbered as set forth in the Office action.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. 7. <input type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____. |
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1. The Amendment filed on 04/14/2006 has been entered. Claims 1-13 and 20-32 are pending in this Office action.

2. Claims 20-32 have been renumbered as claims 14-26 respectively.

Response to Arguments

3. Applicant's arguments, see page 8 of Applicants' Remarks, filed on 04/14/2006, with respect to claims 14 and 16-19 have been fully considered and are persuasive. The rejection of claims 14 and 16-19 has been withdrawn after Applicants cancelled all the rejected claims.

4. The objection of claim 27 has been withdrawn after claim is amended to correct all the informalities.

Reasons for Allowance

The following is an examiner's statement of reasons for allowance:

5. Regarding claim 1, claim is allowed over prior art of record since the cited references taken individually or in combination fails to disclose a wireless receiver for receiving data over wireless channel comprising "a demodulation logic in the digital signal processing logic that demodulates a set of signals from two or more of the

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plurality of antennas as set forth in the application claim" and "a distortion compensation in the digital signal processing logic as set forth in the application claim".

6. Regarding claim 20, claim is allowed over prior art of record after being rewritten in independent form including all of the allowable limitations of claim 20.

7. Regarding claim 26, claim is allowed over prior art of record after being rewritten in independent form including all of the allowable limitations of claim 26.

8. Claim 27 is allowed.

The following is a statement of reasons for the indication of allowable subject matter:

Regarding claim 27, claim is allowed over prior art of record since the cited references taken individually or in combination fails to disclose a wireless receiver for receiving data over wireless channel comprising "a first combined filter as set forth in the application claim" and "a second combined filter as set forth in the application claim".

9. Claims 28-30 are allowed.

The following is a statement of reasons for the indication of allowable subject matter:

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Regarding claim 28, claim is allowed over prior art of record since the cited references taken individually or in combination fails to disclose a wireless receiver for receiving data over wireless channel comprising "a first combined filter as set forth in the application claim" and "a second combined filter as set forth in the application claim".

10. Claims 31-32 are allowed.

The following is a statement of reasons for the indication of allowable subject matter:

Regarding claim 31, claim is allowed over prior art of record since the cited references taken individually or in combination fails to disclose a wireless receiver for receiving data over wireless channel comprising "a first combined filter as set forth in the application claim" and "a second combined filter as set forth in the application claim".

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khanh Tran whose telephone number is 571-272-3007. The examiner can normally be reached on Monday - Friday from 08:00 AM - 05:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jay Patel can be reached on 571-272-2988. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

KCT

Khanh Cong Tran

05/26/2006

Primary Examiner KHANH TRAN